

TO: Patrick Nejand, Project Manager  
Ken Mass, Project Manager  
United States Army Corps of Engineers (USACE)

FROM: Shannon Lloyd, Project Manager  
Los Alamos Technical Associates, Inc. (LATA)

SUBJECT: November 2014 Inspection Report for the former Cornell Dubilier Electronics (CDE)  
Superfund Site, South Plainfield, New Jersey

**LATA Project # 11266**  
**Contract # W912DQ-09-D-3003,**  
**Task Order # 0011**

DATE: November 19, 2014

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## **CURRENT ACTIVITIES**

LATA's technician visited the Cornell Dubilier Electronics (CDE) Superfund Site for the regularly scheduled inspection visit on November 13, 2014 to perform the routine inspection of the facilities.

Work performed during the visit included; picked up trash from the fence line, inspected the catch basin and drainage basin system, inspected the perimeter fence, gates, etc., pulled woody vegetation from accessible areas of the drainage basin, download the data from the basin dataloggers and performed a walking inspection of the asphalt cap areas. Copies of the inspection forms are attached to this report.

Approximately one bag of trash (paper, plastic bottles, etc.) was picked up from around the fence line in various areas. The trash was disposed of in the local technicians office dumpster.

## **MANPOWER REPORTING**

<b>Date</b>	<b>LATA Labor</b>
November 13, 2014	3 hrs.

## **OUTSTANDING ISSUES/RESOLUTIONS**

LATA submitted the DRAFT Accident Prevention Plan for review by USACE on July 3, 2014.

## **PLANS FOR NEXT MONTH**

Plans for the December 2014 visit includes inspection and general housekeeping activities and downloading the drainage basin level datalogger. A snow removal has been placed under contract to remove snow from the sidewalk paralleling the Hamilton Boulevard when snowfall totals are greater than two inches. This removal will be made on an as needed basis.

# **Site Inspection Forms and Photo Log**

**Operation & Maintenance Inspection Form  
Cornell-Dubilier Electronics Superfund Site  
Operable Unit (OU-2)**

Inspection being Conducted                     X                     Monthly

Quarterly                      Annually                      After 1" or Greater Rainfall                     

Inspection Date: 11/13/2014 Weather Overcast, 40s

**Inspectors Name** Sunil Samaroo

### Basin Inspection:

### Catch Basins (23 Structures)

Yes                  No                  N/A

### 1. Are catch basins properly draining?

☐ X    ☐    ☐

2. Are the catch basins clear of trash, sediment and debris?

☒ ☐ ☐

3. Has vegetation been removed from all catch basin areas?

☐ ☐ ☒

4. Are there any signs of damage or deterioration of catch basins?

☐ ☒ ☐

If yes, which catch basin(s)?

(Refer to Record Drawings for catch basin numbers)

### Stormwater Detention Basin and Surface Sand Filter:

5. Does the basin have pooled or standing water?

☐ ☒ ☐

If yes, describe where

6. What is the water height (~ 6 inches)

Approximately how many hours was the last rainfall?

How many inches of rain?

7. Does the bottom appear relatively flat? No sand has washed away?

☒ ☐ ☐

8. Are concentrated flows of runoff being unexpectedly directed into the basin?

☐ ☒ ☐

If yes, describe where

9. Is there any damage to the sand bed or berms?

☐ ☒ ☐

10. Has vegetation been removed from the basin areas?

☐ X ☐ ☐

**Woody vegetation was removed by pulling/cutting at ground level.**

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### Inlet and Outlet Structures:

11. Are the five inlet and outlet structures draining properly?

☐ X      ☐      ☐

12. Is there any standing water?

☐ ☒ ☐

If yes, describe where

13. Are the inlets clear of trash, sediment and debris?

☒ ☐ ☐

14. Are the outlets (standpipes, 3" Orifice, secondary outlet and emergency spillway) clear of trash, sediment, and debris?

☐ X      ☐      ☐

15. are there any signs of damage or deterioration of inlet/outlet structures?

☐ ☒ ☐

If yes, describe where

16. Has vegetation been removed from inlet and outlets?

☐ ☐ ☒

Additional descriptions of where repairs or maintenance is needed:

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Inspector's Signature

Amil Kumar

**Operation & Maintenance Inspection Form  
Cornell-Dubilier Electronics Superfund Site  
Operable Unit (OU-2)**

**Inspection Date:** 11/13/2014 **Weather** Overcast, 40s

**Inspectors Name** Sunil Samaroo

"Tree Grove" Inspection

	Yes	No	N/A
1. Is there any tree damage from storms? If yes, describe: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there an accumulation of tree debris? If yes, describe: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Do any trees appear infested? If yes, describe: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Do any trees appear malnourished? If yes, describe: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Was the last Quarterly Seasonal Maintenance Performed? Date of previous maintenance: _____ (Refer to section 2.3.2 of the Operation & Maintenance Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Was the last Annual Arborist Inspection performed? Date of previous inspection: _____ (Refer to section 2.3.3 of the Operation & Maintenance Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Additional descriptions of where repairs or maintenance is needed:

**Tree buffer being maintained "as is" by direction of USACE and EPA.**

Inspector's Signature



**Operation & Maintenance Inspection Form  
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Operable Unit (OU-2)**

Inspection Date: 11/13/2014 Weather Overcast, 40s

Inspectors Name Sunil Samaroo

**Debris, Trash, Vegetation and Sediment Removal and Inspections**

**Comments**

Removed trash from perimeter fence.

One bag of trash, 2/3 filled, disposed of at URS dumpster.

Over all, the site remains in good condition.

**General Housekeeping**

**Comments**

Spot sprayed weeds in asphalt area with Round Up.

Asphalt has minor cracking predominantly at seams, previously observed.

**Fencing and Gates**

**Comments**

GOOD

**Trash and Debris**

**Comments**

( See above )

**Snow Removal**

**Comments**

N/A

**Operation & Maintenance Inspection Form  
Cornell-Dubilier Electronics Superfund Site  
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Pavement Inspection (Part of Annual Inspection)

	Yes	No	N/A
1. Is there any standing water? If yes, describe where _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Are there any signs of cracking? If so, note location and maintenance effort below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are there any signs of disintegration? If so, note location and maintenance effort below.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Are there any signs of distortion? If so, note location and maintenance effort below.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Has all vegetation been removed? If applicable, note location of vegetation below	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Has usage of the site increase to a point that warrants a Pavement Condition Index (PCI) Survey?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Have any Critical Preventative Maintenance (CPM) Pavement Treatments been applied? When was date of the last CPM treatment? _____ (Refer to Section 2.2.3 of the Operations & Maintenance Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Additional descriptions of where repairs or maintenance is needed:

**Cracks in asphalt developing in the area of the water tower, previously observed.**

Inspector's Signature



**Operation & Maintenance Inspection Form**  
**Cornell-Dubilier Electronics Superfund Site**  
**Operable Unit (OU-2)**

Basin Drainage Rate Inspection:  
(completed twice a year after a design rainfall event)

Date: \_\_\_\_\_

Design Rainfall Event Information  
Requirements: 1.25" of rain in 2 hrs

Start: \_\_\_\_\_  
Stop: \_\_\_\_\_  
Inches of Rainfall: \_\_\_\_\_

**Inspection Data**

Start inspections 16 hours after design rain event  
Perform subsequent inspection every 2 hours until height of water drops below the to of the  
aggregate in the middle basin

Inspection Run #	Target time from Event (hrs)	Actual Time	Water Height (ft)
1	16		
2	18		
3	20		
4	22		
5	24		
6	26		
7	28		
8	30		
9	32		
10	34		

Note approximate time water was drained below top of sand bed and compared to the normal  
drain time of 21 hrs.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspector's Signature



**11-13-2014 Cornell-Dubilier Electronics**

**Site Inspection photos**

Fence drive by inspection photos







Additional site photos



